

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-20 (Previously cancelled).

21-22. (Canceled).

23. (Previously amended) The device of Claim 30, further comprising:
a rectifier circuit for converting alternating current into direct current;
a charging circuit coupled to said rectifier circuit; and
an energy storing device coupled to said charging circuit, said energy storing device storing said direct current;
wherein said electrical energy comprises said alternating current.

24-25. (Canceled).

26. (Previously amended) The device of Claim 30, wherein said self-powered peripheral device is a computer mouse and wherein said mouse is a cordless mouse.

27. (Previously amended) The device of Claim 26, wherein said mouse comprises a light source and wherein said wheel comprises a plurality of slots for allowing said light source to shine through said plurality of slots.

28. (Previously presented) The device of Claim 27, wherein said light source is electrically powered by said dynamo.

29. (Canceled)

30. (Previously presented) A self-powered peripheral device, comprising:

a ball;

a wheel proximate said ball;

a shaft coupled to said wheel; and

a dynamo coupled to said shaft, said dynamo converting mechanical energy generated by rolling motion of said ball into electrical energy.

31. (Previously presented) The device of Claim 30, further comprising a light source and wherein said wheel comprises a plurality of slots for allowing said light source to shine through said plurality of slots.

32. (Previously presented) The device of Claim 31, wherein said light source is electrically powered by said dynamo.

33. (Previously presented) The device of Claim 32, further comprising a light sensor and wherein said light sensor observes a pattern of light shining through said plurality of slots from said light source to generate a plurality of computer input signals for a host computer.

34. (Previously presented) The device of Claim 33, wherein said computer input signals are transmitted to said host computer via cordless means.

35-39. (Canceled).

40. (Previously amended) A method of providing power to a cordless computer peripheral device, the method comprising:

converting mechanical energy generated by motion of said device into alternating current;

converting said alternating current into direct current; and powering said peripheral device using said direct current;

wherein said peripheral devices comprises a mouse;

wherein said mouse includes a ball, a wheel proximate said ball, a shaft coupled to said wheel and a dynamo coupled to said shaft; and

wherein said dynamo converts said mechanical energy generated by rolling motion of said ball into said alternating current.